Figure 1

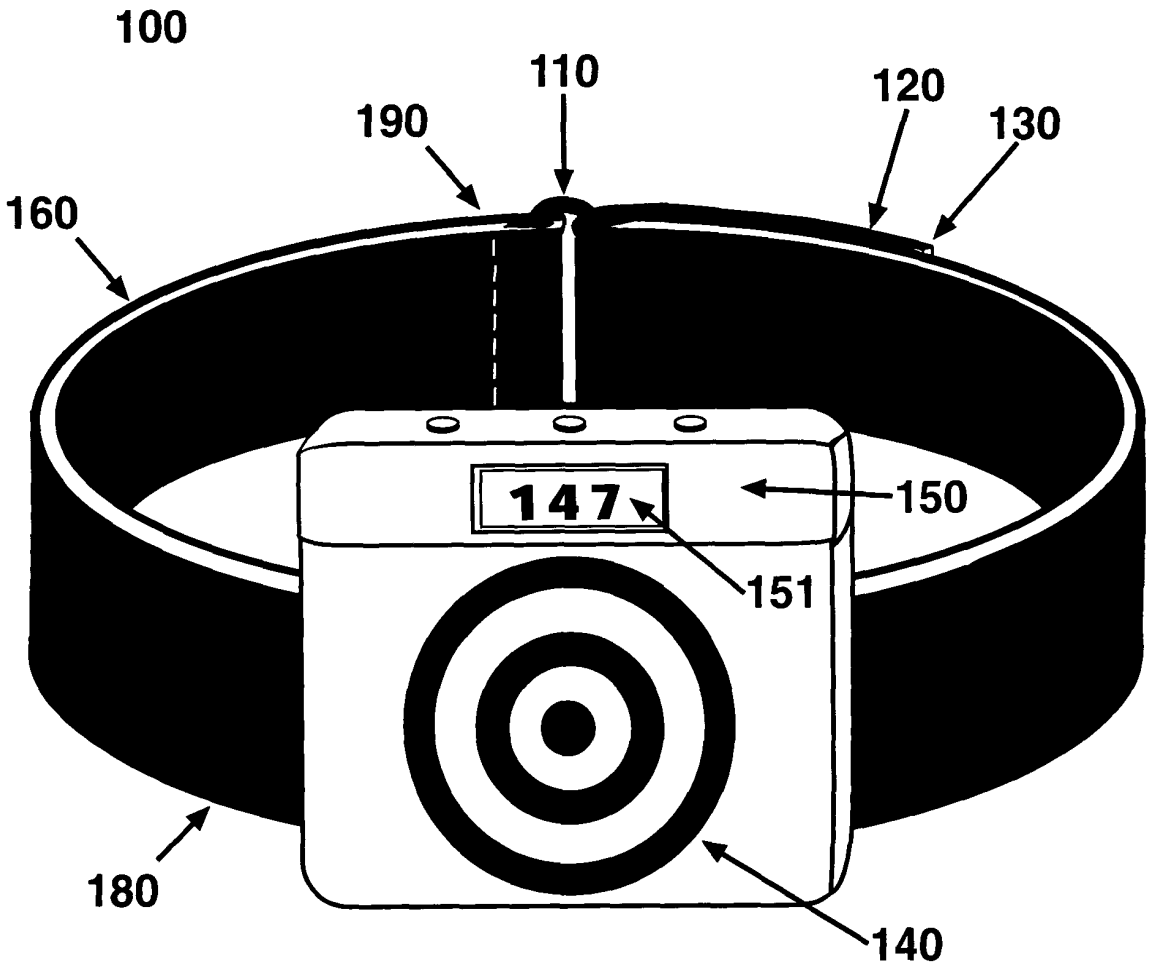
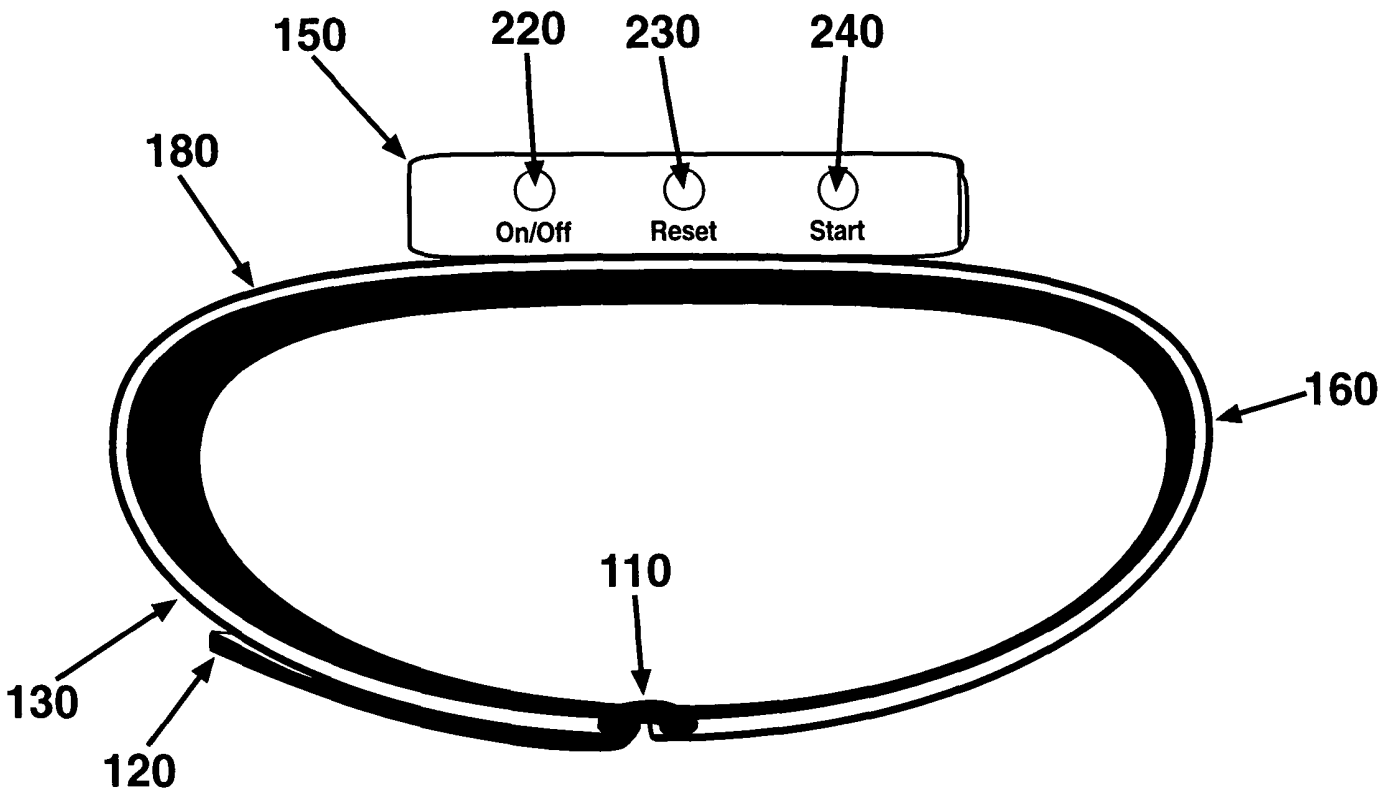
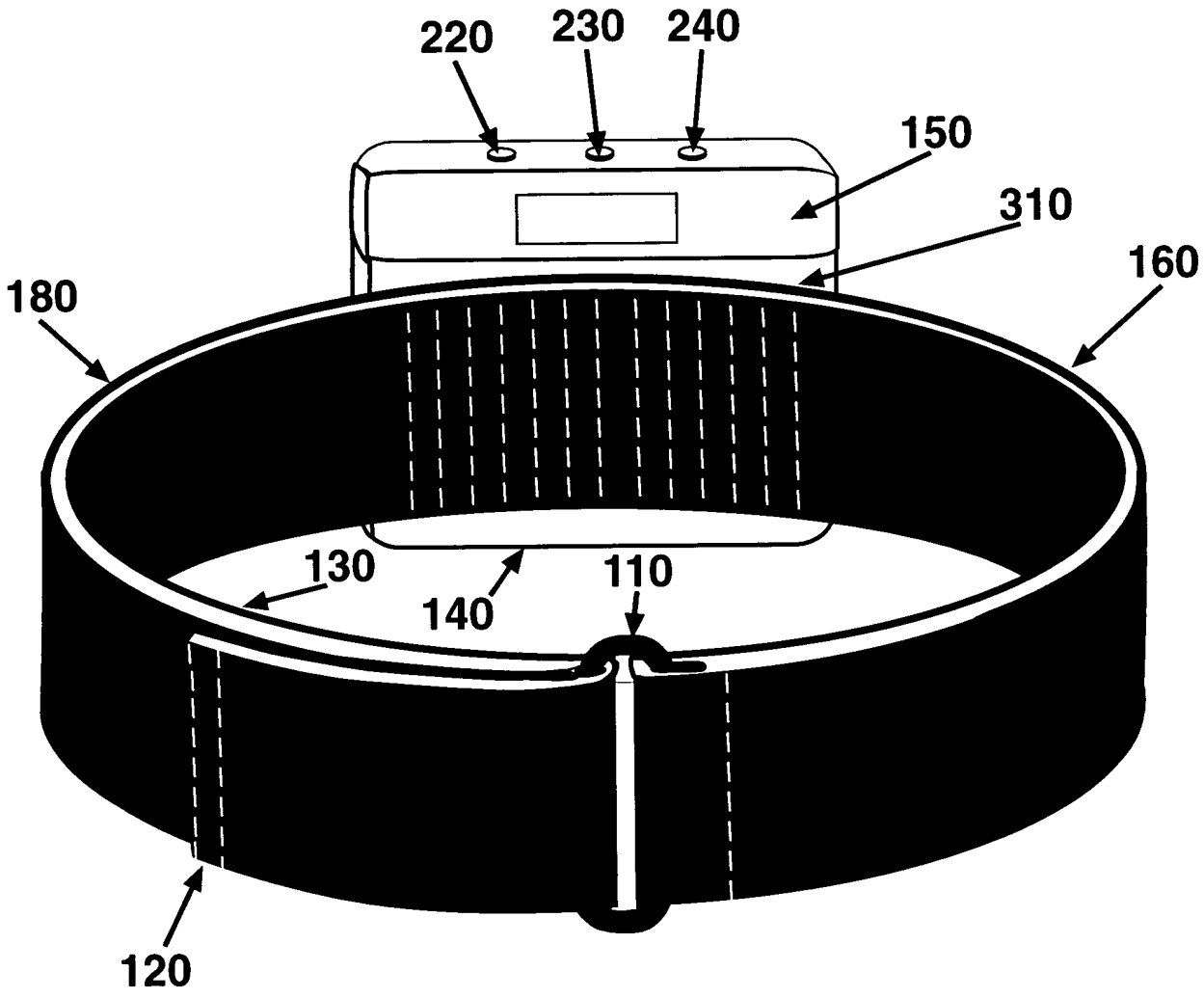


Figure 2



(408) 720-8300

Figure 3



(408) 720-8300

FIGURE 4

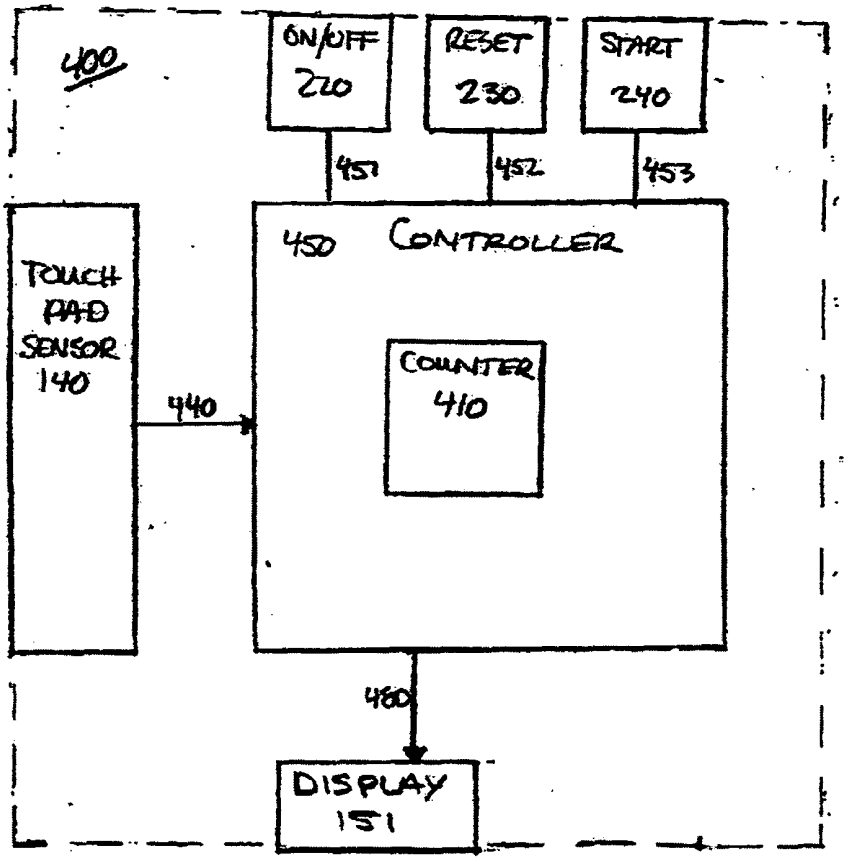


Figure 5

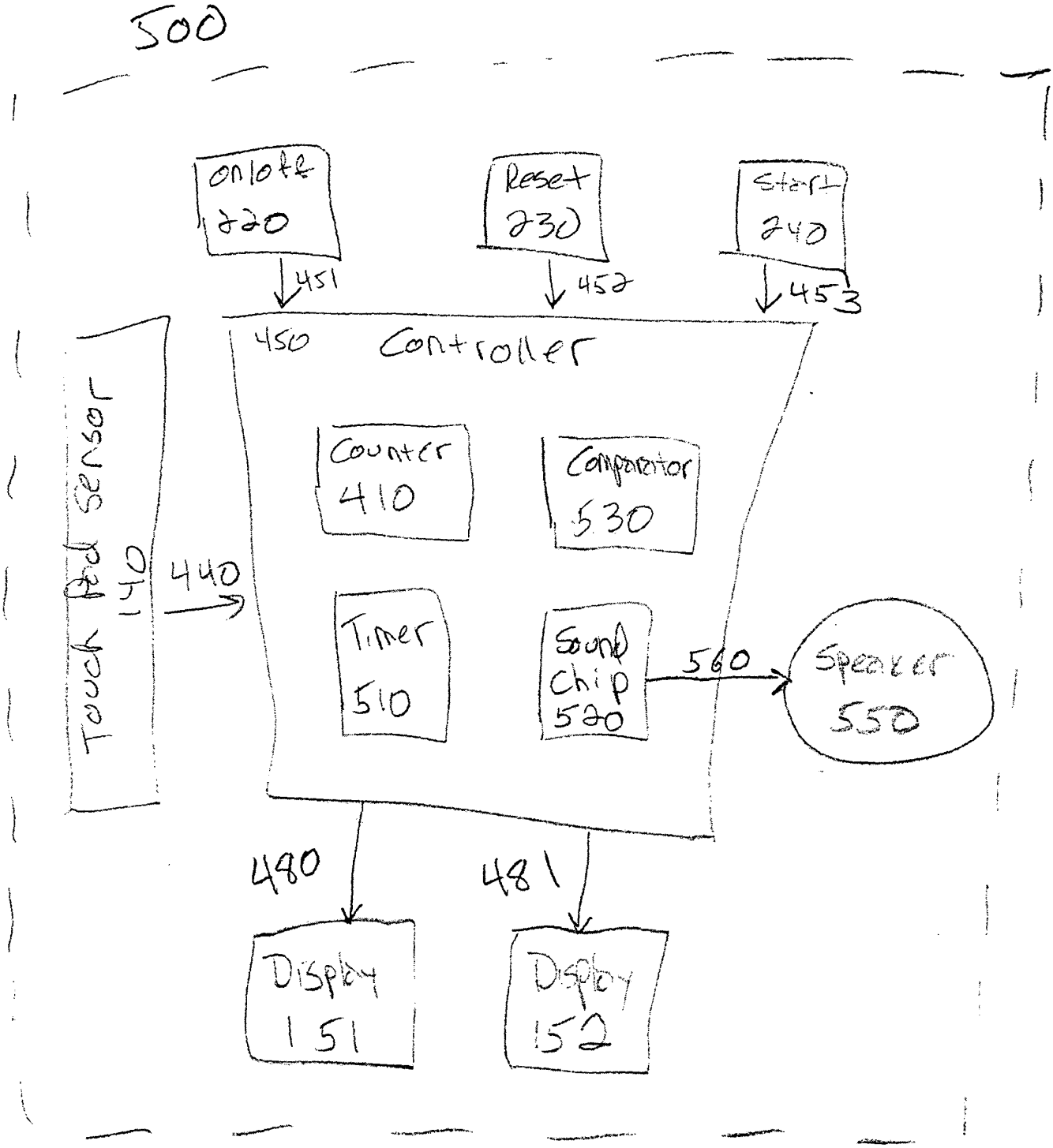

500
on/off
220
Reset
230
Start
240
451
452
453
450 Controller
Counter
410
Comparator
530
Timer
510
Sound Chip
520
560
Speaker
550
Touch Pad Sensor
140
440
480
481
Display
151
Display
152

Figure 6

600
610
on/off 220
Reset 230
Start 240
451
452
453
450 Controller
Counter 410
Comparator 530
Timer 510
Sound Chip 520
Network Interface 620
Touch Pad Sensor 140
440
Speaker 550
Display 151
Display 152
Network connection 630
Network 640

Figure 7

700

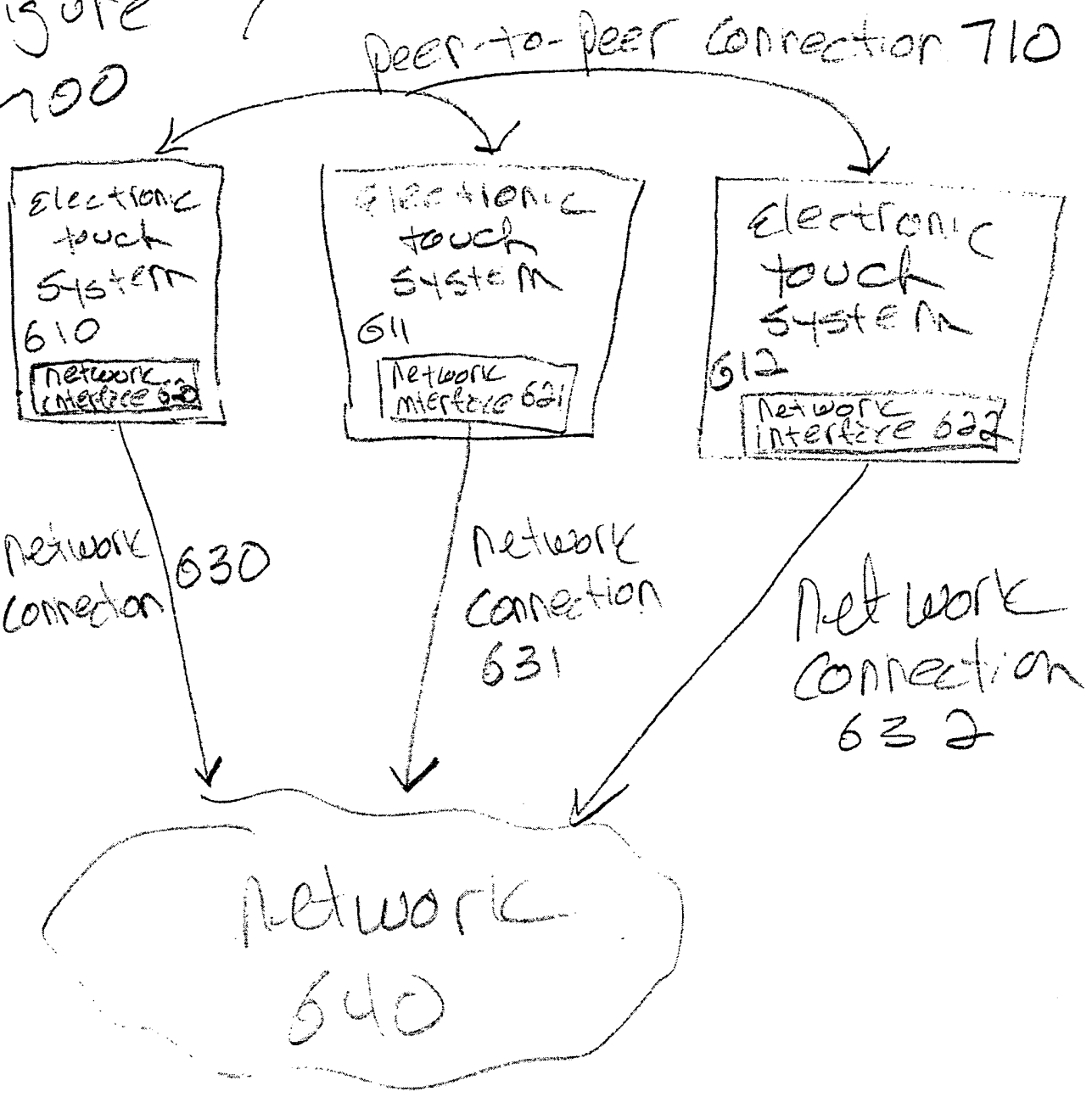

Peer-to-Peer Connection 710
Electronic touch system 610
Network interface 620
Electronic touch system 611
Network interface 621
Electronic touch system 612
Network interface 622
Network connection 630
Network connection 631
Network connection 632
Network 640

Figure 8

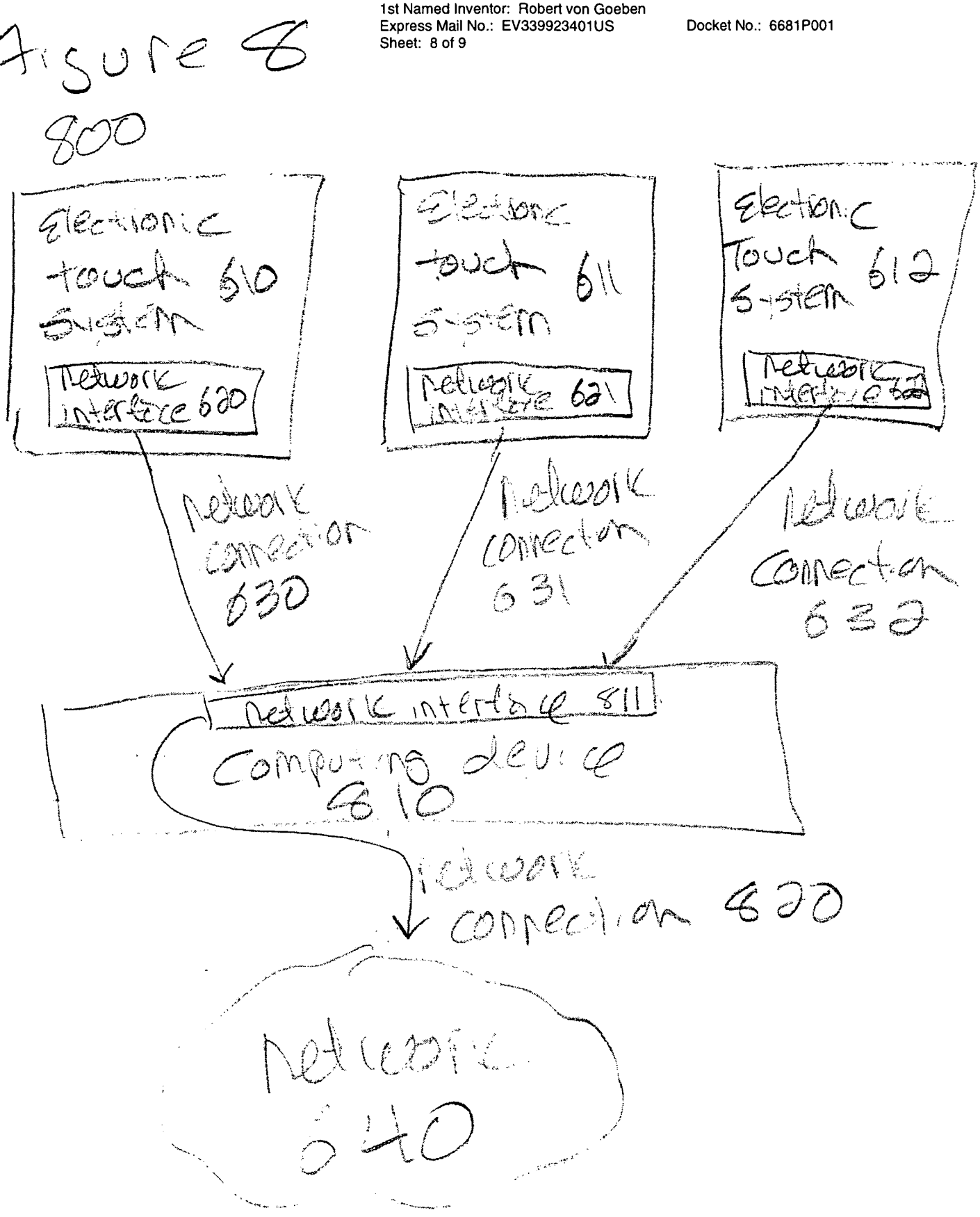
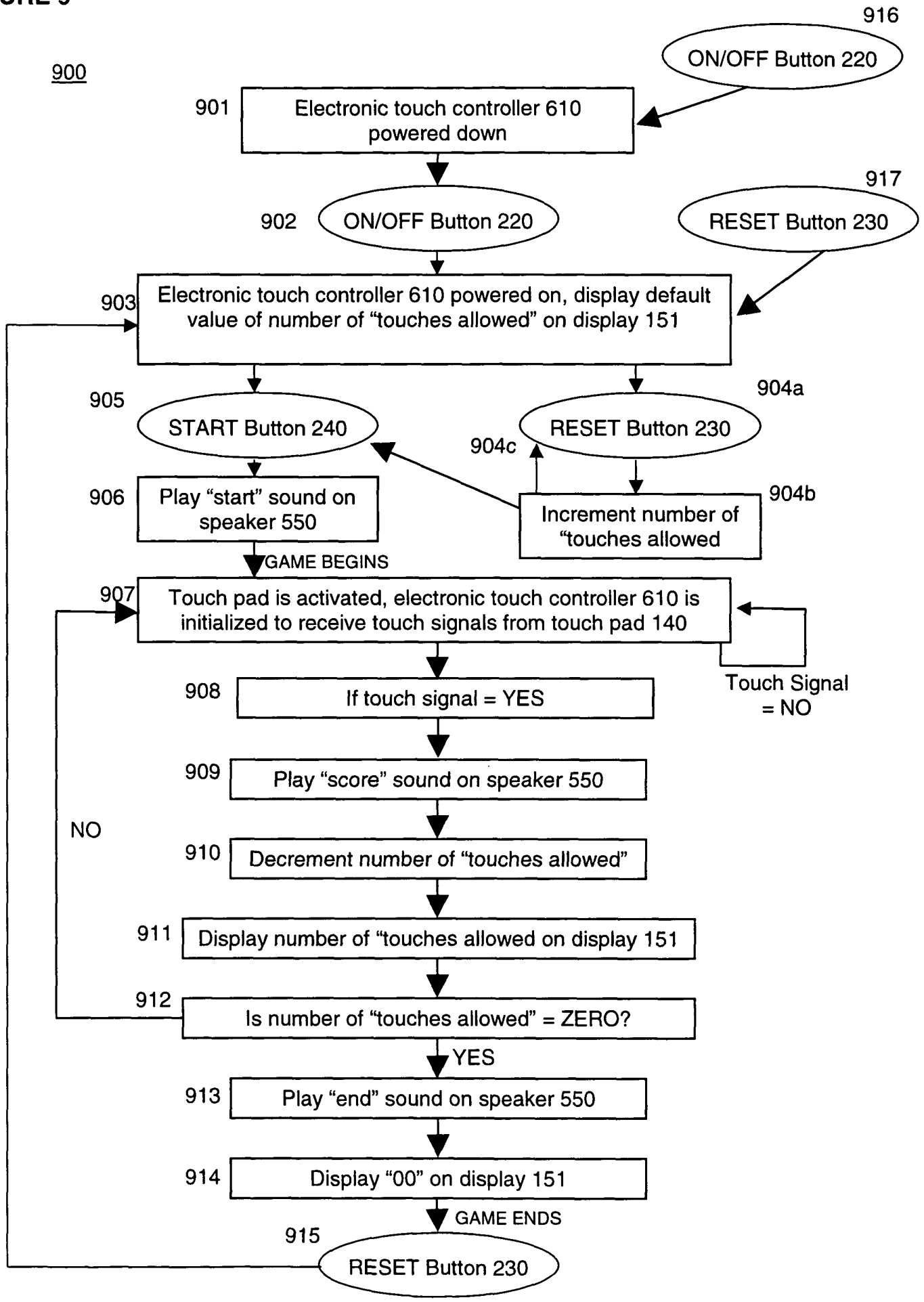

800
Electronic touch system 610
Network interface 620
Electronic touch system 611
Network interface 621
Electronic Touch system 612
Network interface 622
Network connection 630
Network connection 631
Network connection 632
Network interface 811
Computing device 810
Network connection 820
Network 840

FIGURE 9


900
916
ON/OFF Button 220
901
Electronic touch controller 610 powered down
917
902
ON/OFF Button 220
RESET Button 230
903
Electronic touch controller 610 powered on, display default value of number of "touches allowed" on display 151
905
904a
START Button 240
RESET Button 230
904c
906
Play "start" sound on speaker 550
904b
Increment number of "touches allowed
GAME BEGINS
907
Touch pad is activated, electronic touch controller 610 is initialized to receive touch signals from touch pad 140
Touch Signal = NO
908
If touch signal = YES
909
Play "score" sound on speaker 550
NO
910
Decrement number of "touches allowed"
911
Display number of "touches allowed on display 151
912
Is number of "touches allowed" = ZERO?
YES
913
Play "end" sound on speaker 550
914
Display "00" on display 151
GAME ENDS
915
RESET Button 230